

GEORGE SMITH & CO.
SUN FOUNDRY
GLASGOW.



D. P. Menzies

ILLUSTRATED LIST

OF

CAST-IRON

PLAIN AND ORNAMENTAL FOUNTAINS,

POST OFFICE PILLARS;

ROUND AND SQUARE RAIN-WATER PIPES;

ALSO,

PLAIN AND ORNAMENTAL GUTTERS AND ROOF RIDGING,

KITCHEN SINKS AND SINK-TRAPS, WATER CLOSET PUMPS, &c.;

BENCH AND DESK STANDARDS;

AND ALL KINDS OF

Cast-Iron Fittings for Plumber and Architectural Purposes.

MANUFACTURED BY

GEORGE SMITH AND COMPANY,

IRON-FOUNDERS,

SUN FOUNDRY, 64 PORT-DUNDAS ROAD,

GLASGOW.

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ORNAMENTAL FOUNTAIN.



No. 1.—STREET DRINKING FOUNTAIN.

This Fountain is provided with a Drinking-Tap and Ladles, the Tap being of a very durable construction, and contrived to close of itself on removing the hand, so as to prevent waste, whilst it closes gradually, and produces no concussion in the pipes, and is adapted for batting into stone. Height, 3 feet 6 inches.

Price, with Basin, L.2 8s.; without Basin, L.2. Price, with Basin Galvanized, L.3; without Basin, L.2 12.

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ORNAMENTAL FOUNTAIN.

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No. 2.—STREET DRINKING FOUNTAIN.

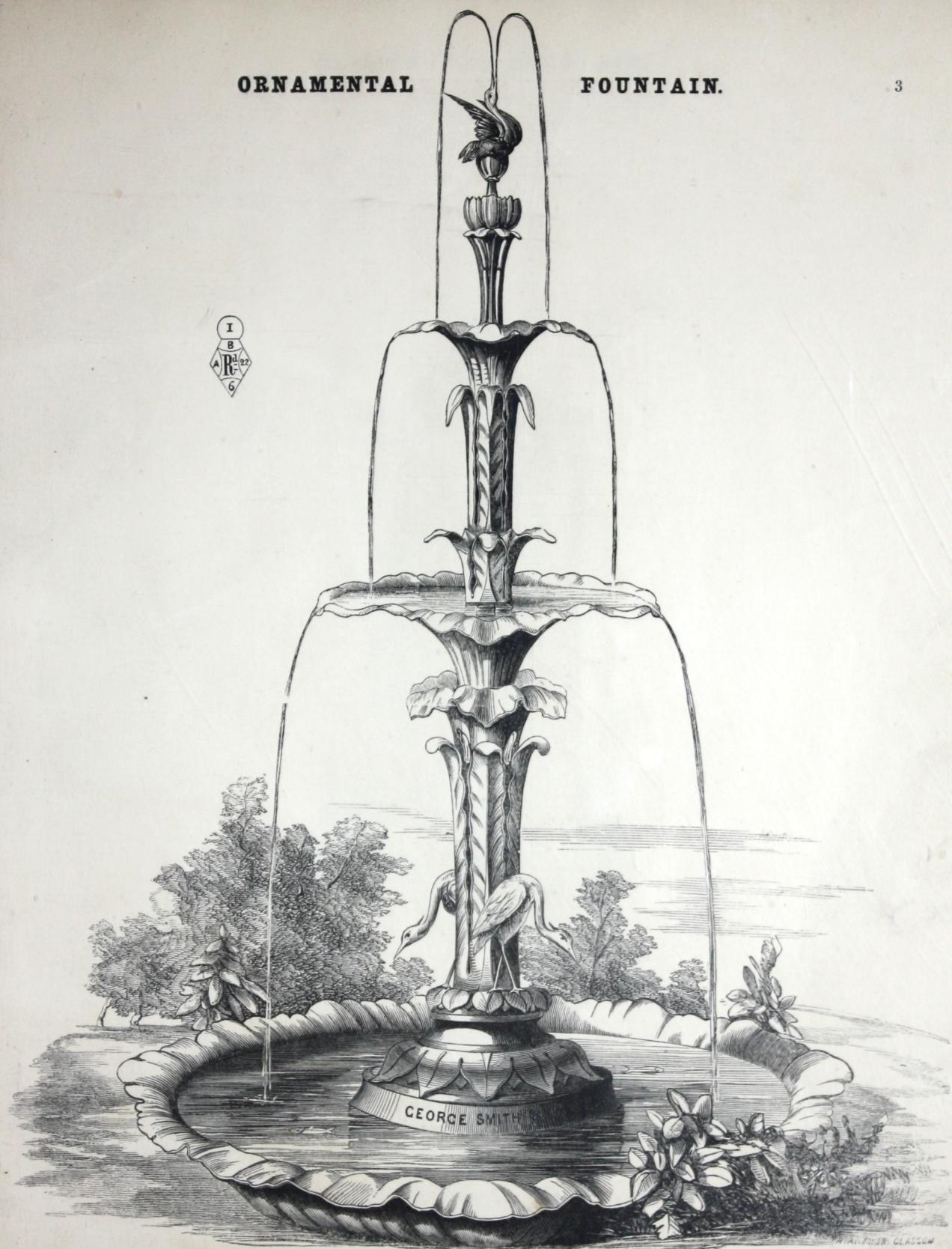
This is the Fountain adopted at Glasgow, having been selected at a Public Competition by the Commissioners of the Glasgow Corporation Water Works. Drinking Fountains made in Cast Iron to this Design have been erected in the various Wards of the City, and are now in full operation, giving general satisfaction. They are provided each with one Drinking-Tap, of a simple and durable kind, and with Two Galvanized Iron Ladles. A Cistern, with the ordinary ball-cock, may be arranged within the pillar. A Basin is fitted beneath the Tap to receive the waste water from it, and from this Basin the Water passes down into a shallow Trough at the base for Dogs,—an overflow outlet being provided to prevent flooding of the pavement.

Price, L.5 11s. Price, with Pillar Galvanized, L.8.

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No. 3.—ORNAMENTAL FOUNTAIN,

FOR PUBLIC PARKS, PRIVATE GARDENS, RAILWAY STATIONS, STREETS, &c.

The Water falls over Eight different outlets in Basins, although not shown above.

Height, 10 feet; Diameter of Trough, 7 feet. Price, L.25. Price, with Stalk and Upper Basins Galvanized, L.30.

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ORNAMENTAL FOUNTAIN.

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No. 4.—DRINKING FOUNTAIN.

This Fountain is provided with a Drinking-Tap of the same construction as No. 1, and is adapted for fixing against a wall; and is also suitable for Railway Stations, Schools, Factories, &c. Its construction prevents damp from reaching the wall. The supply pipe is led up through the column, and the basin in front serves to keep the pavement dry, and has an outlet in the bottom for supplying the Dog Trough below, which has an overflow outlet to prevent flooding on the street.

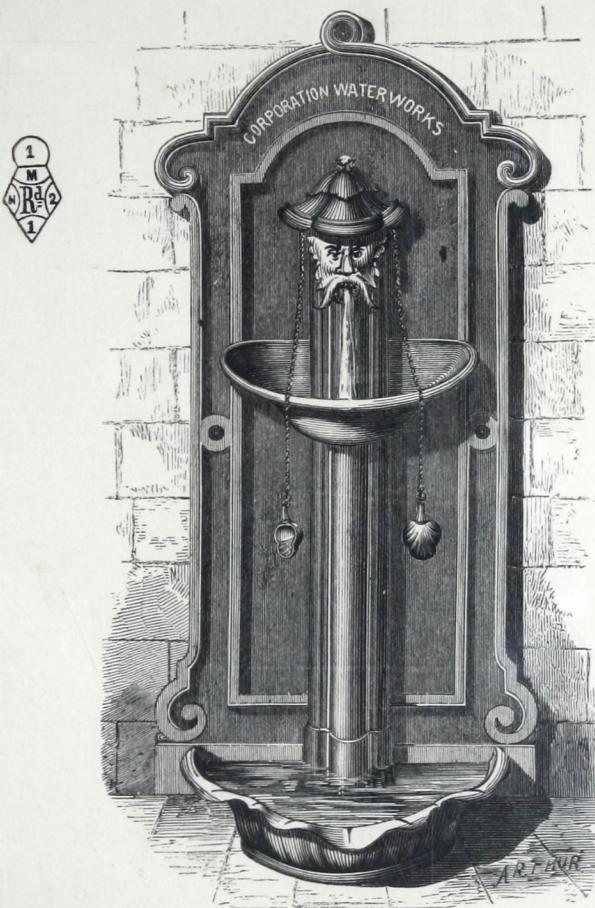
Height, 4 feet 6 inches × 18 inches. Price, L.3. Price, Galvanized, L.3 14s.

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No. 5.—DRINKING FOUNTAIN.

This Fountain is provided with a Drinking-Tap of the same construction as No. 1, and is adapted for fixing against a wall; and is also suitable for Railway Stations, Schools, Factories, &c. Its construction prevents damp from reaching the wall. The supply pipe is led up through the column, and the basin in front serves to keep the pavement dry, and has an outlet in the bottom for supplying the Dog Trough below, which has an overflow outlet to prevent flooding on the street.

Height, 4 feet 6 inches × 18 inches. Price, L.3. Price, Galvanized, L.3 14s.

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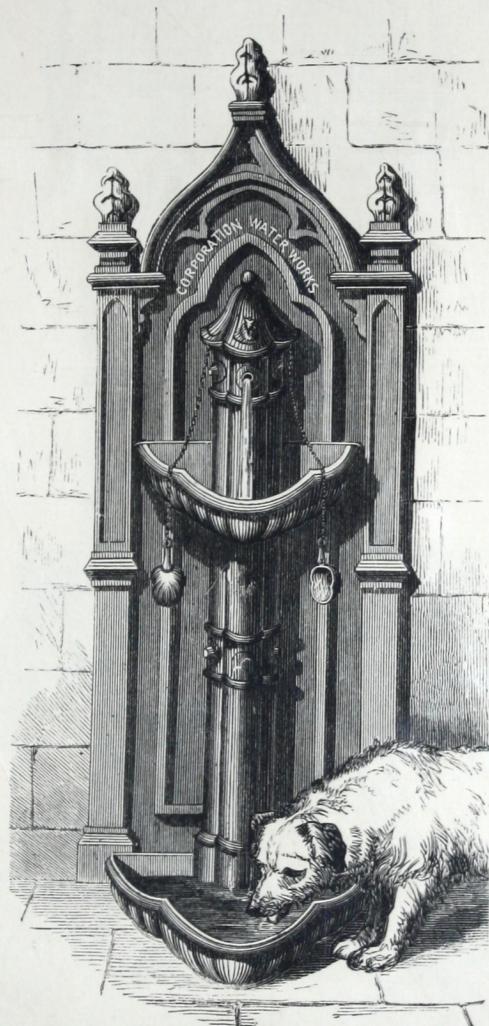


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ORNAMENTAL FOUNTAIN.

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No. 6.—DRINKING FOUNTAIN.

This Fountain is provided with a Drinking-Tap of the same construction as No. 1, and is adapted for fixing against a wall, and is also suitable for Railway Stations, Schools, Factories, &c. Its construction prevents damp from reaching the wall. The supply pipe is led up through the column, and the basin in front serves to keep the pavement dry, and has an outlet in the bottom for supplying the dog trough below, which has an overflow outlet to prevent flooding on the street.

Height, 5 feet × 18 inches. Price, L.3 10s. Price, Galvanized, L.4 4s.

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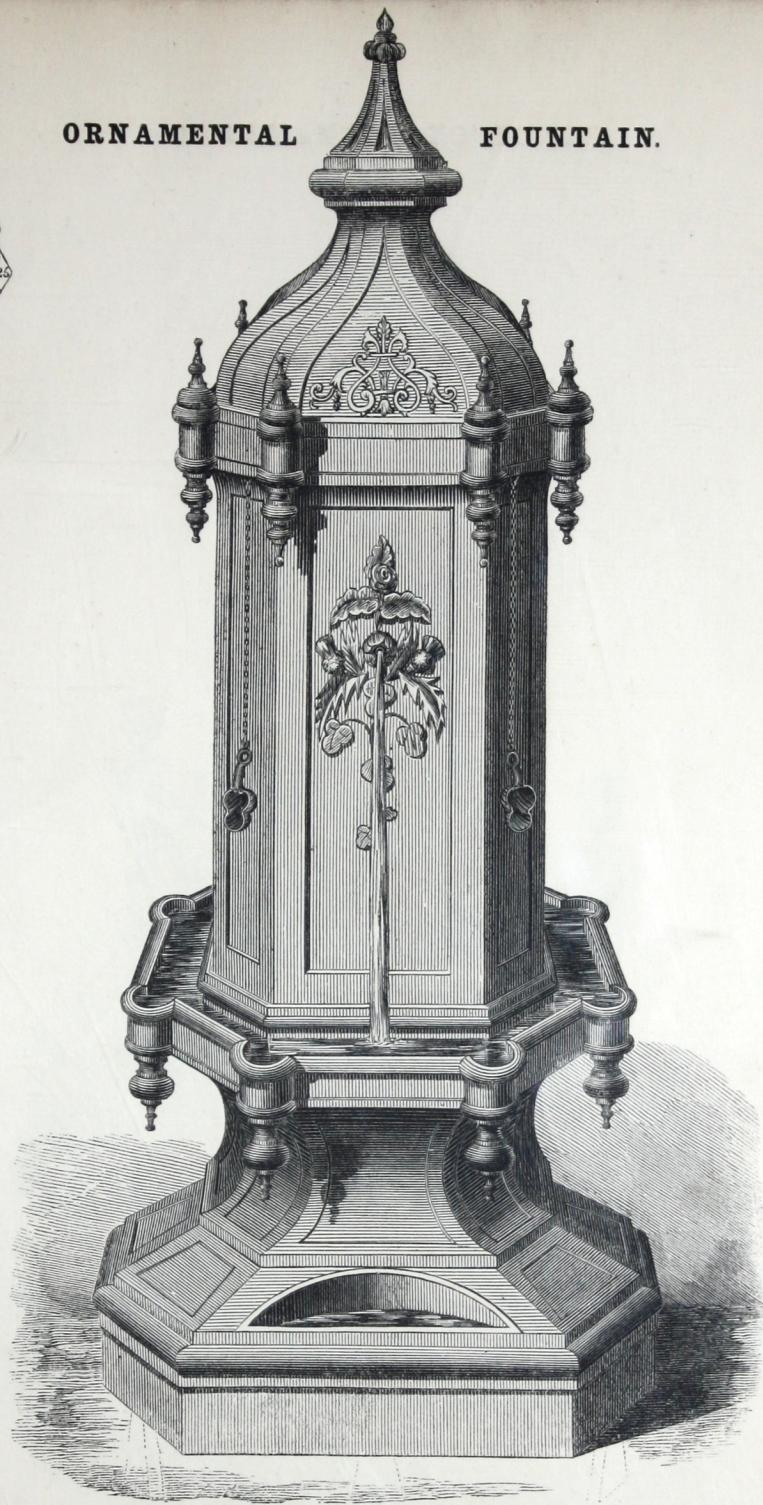
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ORNAMENTAL FOUNTAIN.

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No. 7.—DRINKING FOUNTAIN.

In this design the body of the case is octagonal, and it comprises a kind of balcony passing entirely round it, which serves as a trough to receive the waste water from the tap, and for washing hands. At the base there are recessed troughs to contain water for Dogs, which are supplied from the balcony, and which are furnished with overflow outlets to prevent the water flooding the pavement. By placing the dog trough in a recess, the water in it is prevented from being rendered unclean by the feet of persons frequenting the Fountain, and can be supplied by a cistern and ordinary ball-cock. The balcony trough can be enlarged to form a suitable drinking trough for Horses, in which case it may be supplied by a separate tap. The Fountain is formed with dove-tails at bottom, by means of which it is to be firmly battened into a foundation stone.

Price, L.

Price, Galvanized, L.

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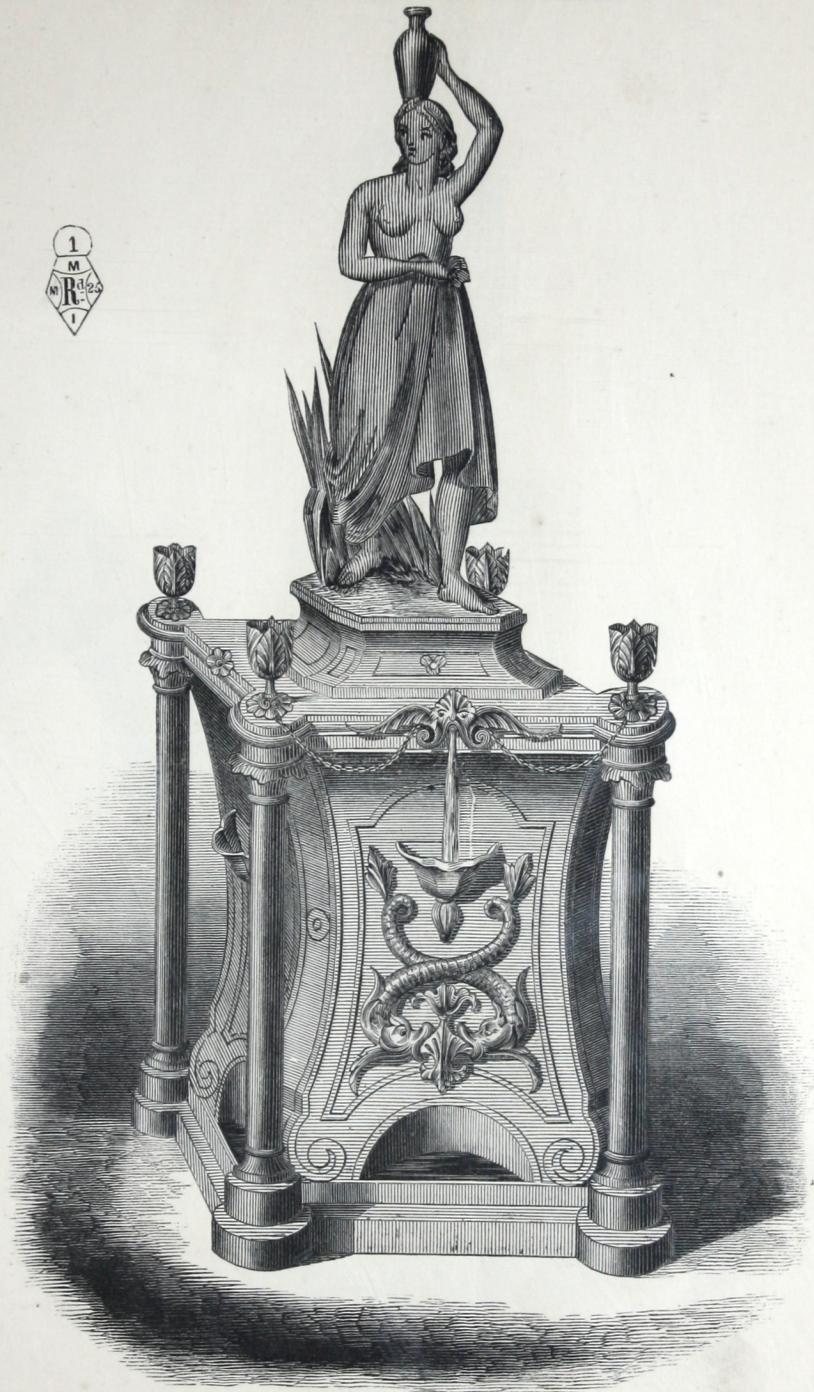


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ORNAMENTAL FOUNTAIN.

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No. 8.—DRINKING FOUNTAIN.

This Fountain is specially designed to contain a Float-ball Cistern if required, and is provided with four streams of water (one or more of which may be adopted). Basins are provided for catching the waste water from each tap, and there are recessed troughs for Dogs at the base,—these troughs not projecting or causing obstruction on the pavement.

Price, L. . . . Price, Galvanized, L.

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STATE OF DRINKING

In this Foundation, the first of its kind in the world, we have gathered the results of our research, and the findings of our experts, on the subject of drinking water. We hope that this will help to inform the public about the importance of clean drinking water, and to encourage them to take action to protect their health and the environment.

J. S. Gaskins, Ph.D., J. M. Smith

In this Foundation,
whilst an overflow

ORNAMENTAL CATTLE FOUNTAIN.

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No. 9.—CATTLE FOUNTAIN,
FOR STREETS, CAB STANDS, COACH YARDS, RAILWAY STATIONS, &c.

In this Fountain a Trough for Cattle is always kept full by means of a concealed float-cock. The float-cock prevents waste, whilst an overflow outlet prevents flooding of the street, and a discharge plug affords a means of cleansing the Trough.

Height, 8 feet; Diameter of Trough, 4 feet; Depth, 2 feet 6 inches. Price, £

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ORNAMENTAL FOUNTAIN AND CATTLE TROUGH.

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NO. 10.—DRINKING FOUNTAIN AND CATTLE TROUGH,
SUITABLE FOR STREETS, CAB STANDS, &c.

This Fountain is provided with a Drinking-Tap and Ladles of the same kind as No. 1. A Trough for Cattle extends round the lower part of the Fountain, and is always filled by means of a concealed float-cock. The float-cock prevents waste, whilst an overflow outlet prevents flooding of the street, and a discharge plug affords a means of cleansing the trough. Height, 4 feet 6 inches; Diameter of Trough, 3 feet 6 inches; Depth, 1 foot.

Price L.4 15s. Price, with Pillar Galvanized, L.5 10s.



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Plate, 30 X



No. 11.—ORNAMENTAL DRINKING FOUNTAIN.

This Fountain is in every respect the same as No. 2, only of a smaller size. Height, 3 feet 6 inches; Size of Sole Plate, 30 x 30 inches.

Price, L.3 5s. Price, with Pillar Galvanized, L.3 15s.

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No. 12.—ORNAMENTAL FOUNTAIN,
FOR PUBLIC PARKS, PRIVATE GARDENS, RAILWAY STATIONS, STREETS, &c.

Height, 10 feet; Diameter of Trough, 7 feet. Price, L.30. Price, Galvanized, L.

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ORNAMENTAL

FOUNTAIN.

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No. 13.—ORNAMENTAL DRINKING JET FOUNTAIN.

This Design is suitable for enclosing a Cistern by means of a float-cock. The Fountain may furnish one, two, three, or four streams for drinking, the waste from each being caught by a Basin, and conveyed down inside the Fountain-case to a trough at the base



for Dogs. The base of the Fountain-case is open through the arches, which imparts lightness to the Design. Provision is shown for a Jet at the top, the water from which is caught by a Shell, and conveyed down inside the case to the Dog Trough.

Price, L. . Price, Galvanized, L.

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No. 14.—ORNAMENTAL DRINKING FOUNTAIN.

This Fountain is suitable for Railway Stations, Schools, Factories, &c., and is intended to project about eight inches from a wall. The waste water of the drinking stream is conveyed down through the Figure to a trough at the base for Dogs. This trough does not project beyond the bases of the columns.

Price, L. . . . Price, Galvanized, L.

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ORNAMENTAL FOUNTAIN AND CATTLE TROUGH.

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No. 15.—DRINKING STAND AND CATTLE TROUGH.

This comprehends a Drinking Stand-Pipe, with a Trough for Cattle, and a float-cock enclosed at one end to regulate the supply of water. This float-cock is arranged so that there is always a slight overflow from the Cattle Trough, passing down through a passage in one of the legs to a trough at the base, suitable for Sheep, Dogs, &c.

This Trough is well suited for Cattle Markets, Road-sides, Cab Stands, Stable-Yards, Parks, &c.; is adapted for feeding or watering purposes, and can be made any length to order; can also be had with or without trough at bottom.

Price, L.8. Price, Galvanized, L.

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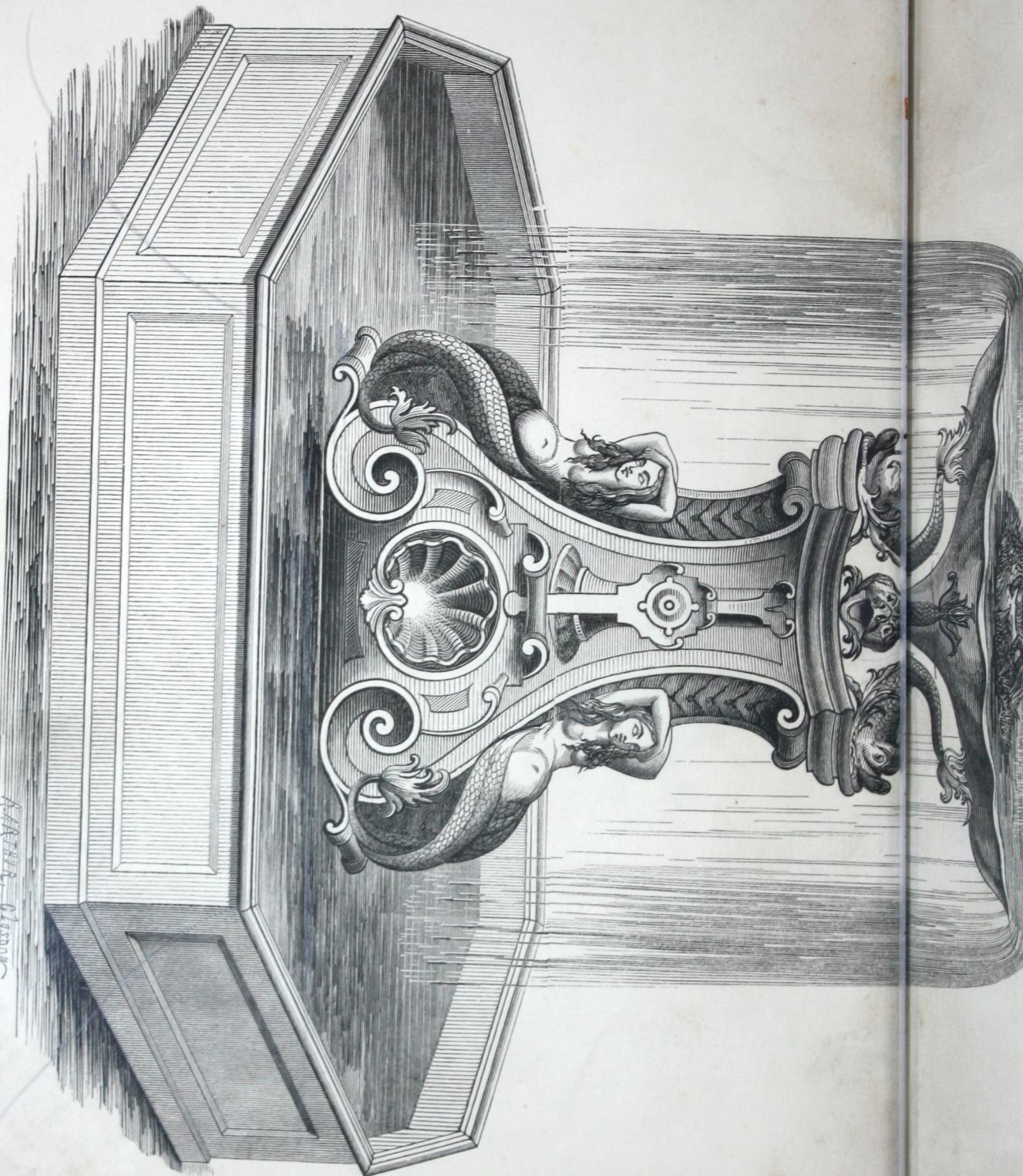
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No. 16.—ORNAMENTAL LAMP AND DRINKING FOUNTAIN.

This is in every respect the same as No. 7, but has a Lamp-post added to the top, serving a twofold purpose.

Price, L. . . . Price, Galvanized, L.

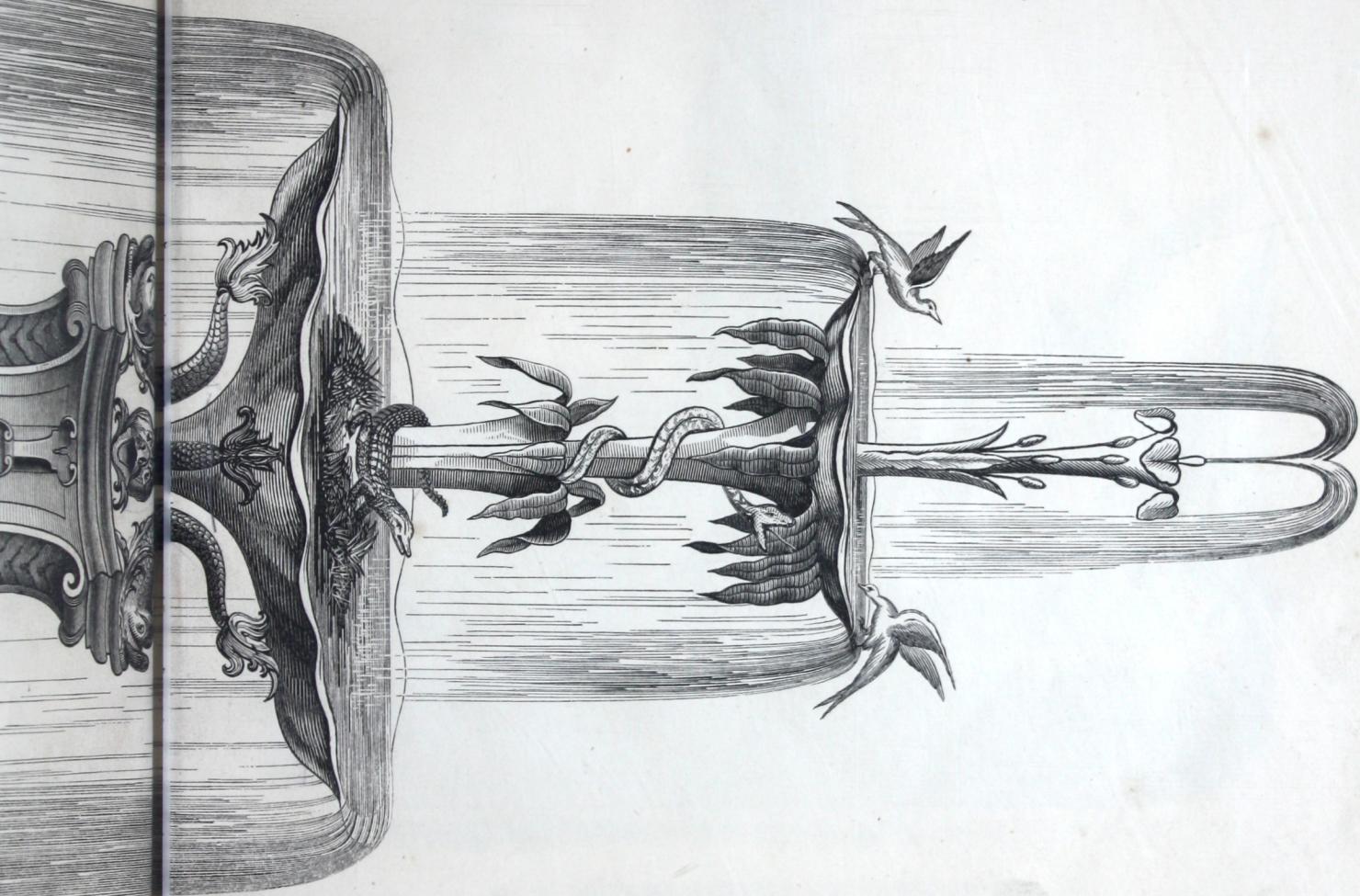


N^o. 17.—ORNAMENTAL STONE FOUNTAIN,

A. H. & S., Glasgow.

FOR SQUARES, GARDENS, PUBLIC PARKS, &c.

Height, 18 to 20 feet; Diameter of Trough, 12 feet. Can be Galvanized if wished.

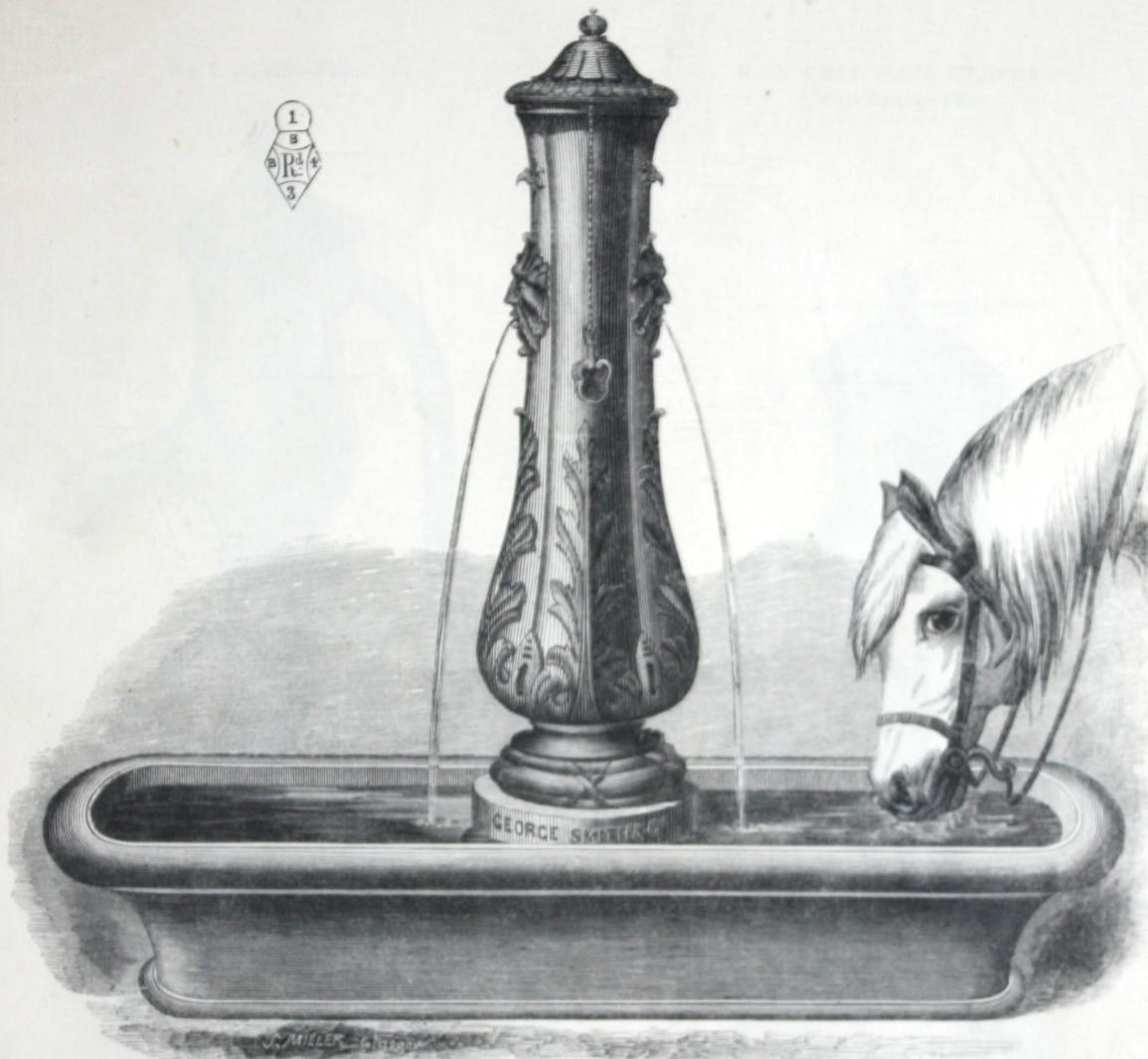


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Height, 4



No. 18.—DRINKING FOUNTAIN AND CATTLE TROUGH,

SUITABLE FOR STREETS, CAB STANDS, ROAD SIDES, &c.

This Fountain is provided with a Drinking Tap and Ladles, same kind as No. 1. An oblong Trough for Cattle extends 2 feet on each side of the Pillar, and is always filled by means of a concealed float-cock. The float-cock prevents waste, whilst an overflow outlet prevents flooding of the pavement. A discharge plug affords means for cleansing the Trough.

Height, 4 ft. 6 in.; Length of Trough, 5 ft. × 16 in. deep. Price, L.

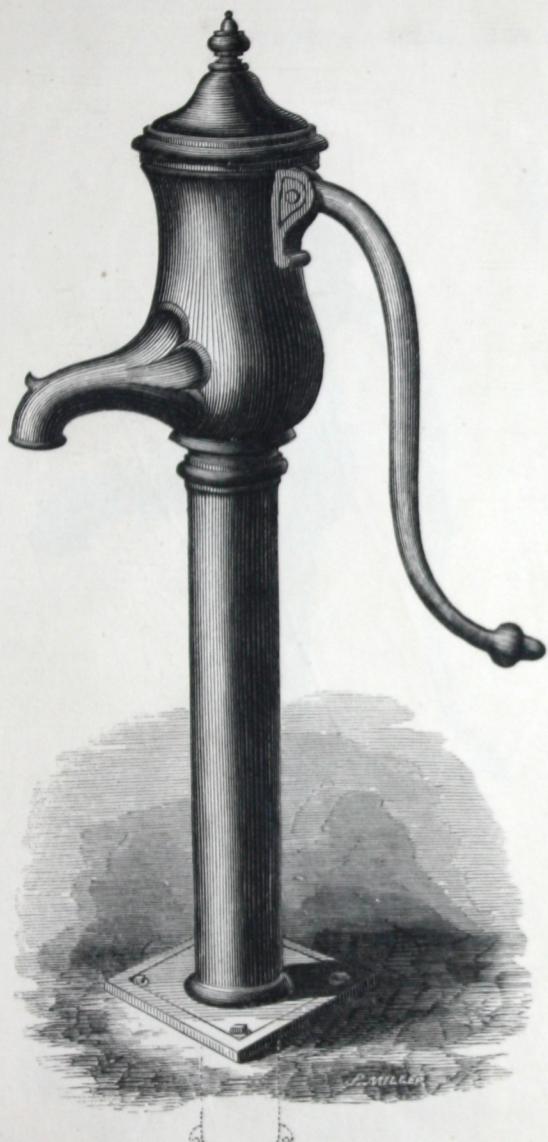
Price, with Pillar Galvanized, L.

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No. 1 PUMP—Plain.



2½, 3, 3½ inches.

No. 1 WELL CASE, for fixing to
Wall Front—Plain.



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PUMPS, and WELL CASE for fixing to WALL FRONT.



3, 3½ inches.

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2, 2½, 3,

2, 2½, 3,

PLAIN, or with No. 1 EARS, in 6 Feet Lengths.



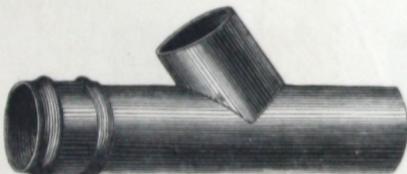
$2, 2\frac{1}{2}, 3, 3\frac{1}{2}, 4, 4\frac{1}{2}, 5, 6$ inches.

SQUARE RAIN WATER PIPES, PLAIN, or with No. 1 EARS.

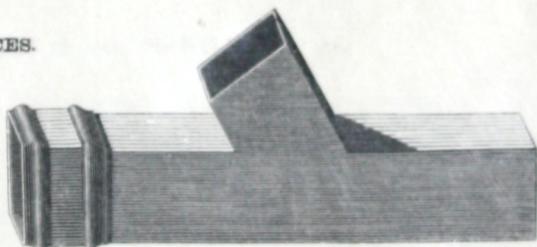


$3 \times 2\frac{1}{2}, 4 \times 3, 5 \times 3\frac{1}{2}$ inches.

BRANCH PIECES.



$2, 2\frac{1}{2}, 3, 3\frac{1}{2}, 4, 4\frac{1}{2}, 5, 6$ inches.



$3 \times 2\frac{1}{2}, 4 \times 3, 5 \times 3\frac{1}{2}$ inches.

SHOE.



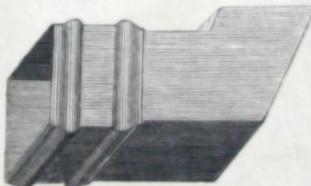
$2, 2\frac{1}{2}, 3, 3\frac{1}{2}, 4, 4\frac{1}{2}, 5, 6$ inches.

UNION SOCKET.



$2, 2\frac{1}{2}, 3, 3\frac{1}{2}, 4, 4\frac{1}{2}, 5, 6$ inches.

SHOE.



$3 \times 2\frac{1}{2}, 4 \times 3, 5 \times 3\frac{1}{2}$ inches.

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PIPE CONNECTIONS.

19

ELBOW.



2, 2½, 3, 3½, 4, 4½, 5, 6 inches.

ELBOW, with Cleaning Door.



3, 3½, 4, 4½, 5, 6 inches.

ELBOW, Obtuse Angle.

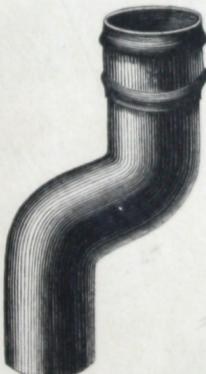


2, 2½, 3, 3½, 4, 4½, 5, 6 inches.

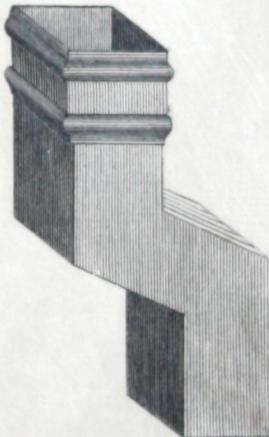
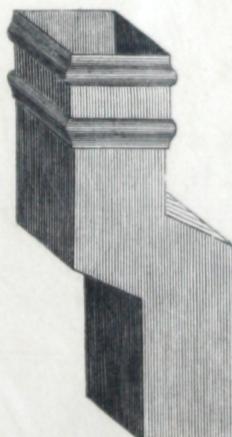
OFFSETS for 3, 6, 9, 12 inch PLINTHS.



2, 2½, 3, 3½, 4, 4½, 5, 6 inches.



3 × 2½, 4 × 3, 5 × 3½ inches.



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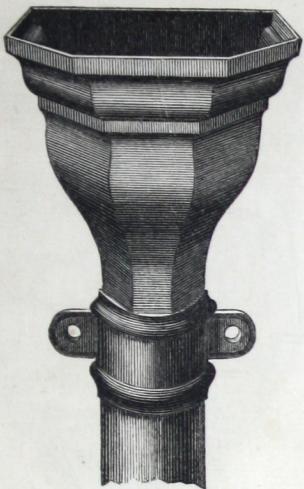


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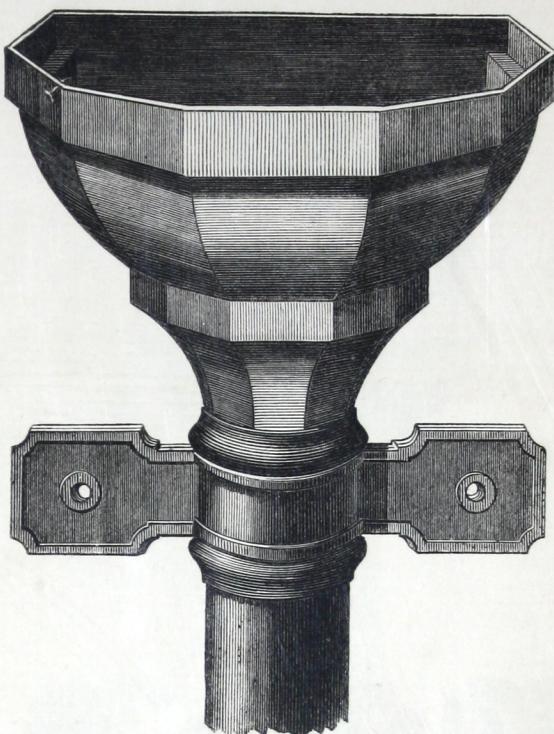
20

No. 1 HEAD.



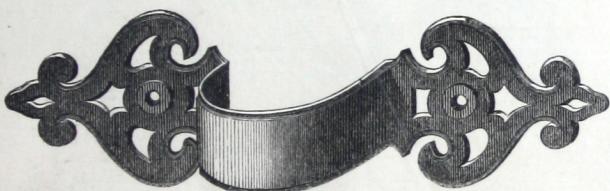
2, $2\frac{1}{2}$, 3, $3\frac{1}{2}$, 4, $4\frac{1}{2}$, 5, 6 inches.

No. 2 HEAD.



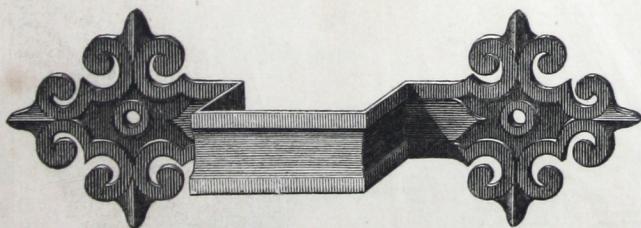
4 inches.

No. 6, EAR Loose.



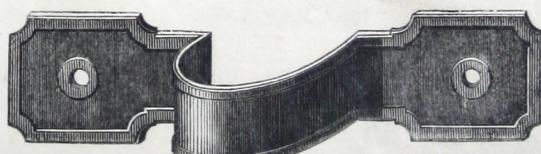
$2\frac{1}{2}$, 3, $3\frac{1}{2}$, 4, $4\frac{1}{2}$ inches.

No. 7, EAR Loose.



$3 \times 2\frac{1}{2}$, 4 \times 3, 5 $\times 3\frac{1}{2}$ inches.

No. 2, EAR Loose.



$3, 3\frac{1}{2}, 4$ inches.

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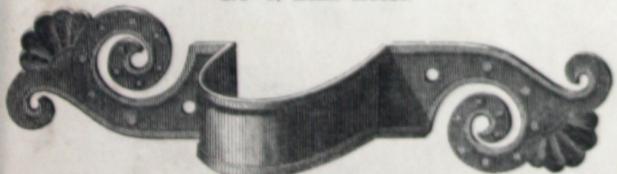
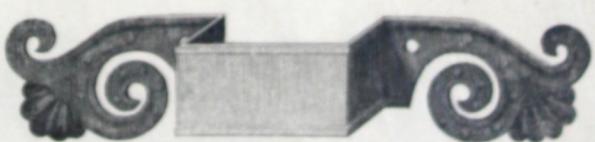


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No. 3 HEADS, Round and Square, Plain or with Ornaments.

 $3\frac{1}{2}$, 4 inches. $3 \times 2\frac{1}{2}$, 4 x 3, 5 x 3 $\frac{1}{2}$ inches.

No. 3, EAR Loose.

 $3\frac{1}{2}$, 4 inches. $3 \times 2\frac{1}{2}$, 4 x 5, 5 x 3 $\frac{1}{2}$ inches.

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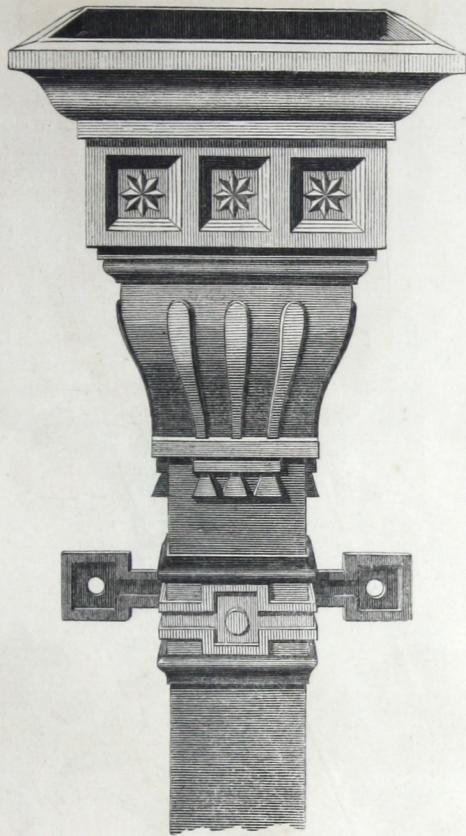
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PIPE CONNECTIONS.

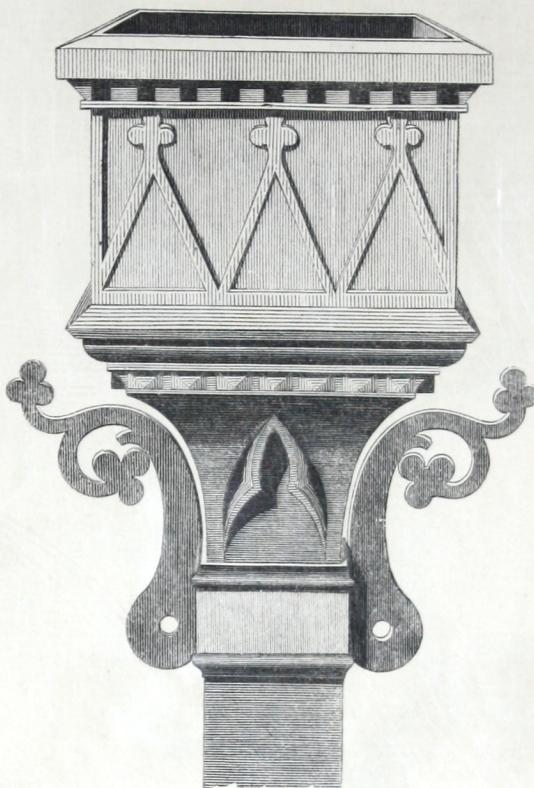
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No. 4 HEAD.



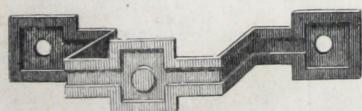
$3 \times 2\frac{1}{2}$, 4×3 inches.

No. 5 HEAD.



$3 \times 2\frac{1}{2}$, 4×3 inches.

No. 4, EAR Loose.



$3 \times 2\frac{1}{2}$, 4×3 inches.

No. 5, EAR Loose.



$3 \times 2\frac{1}{2}$, 4×3 inches.

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ORNAMENTAL HEADS.

23

No. 6 HEAD.



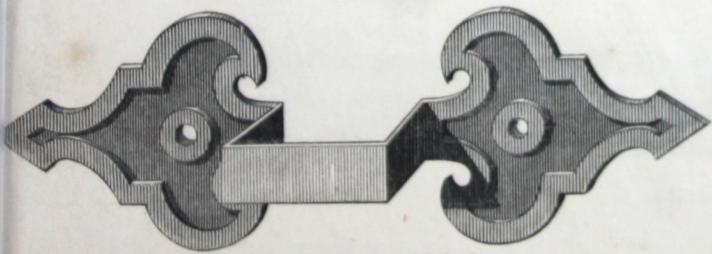
$3 \times 2\frac{1}{2}$ and 4×3 inches.

No. 7 HEAD.



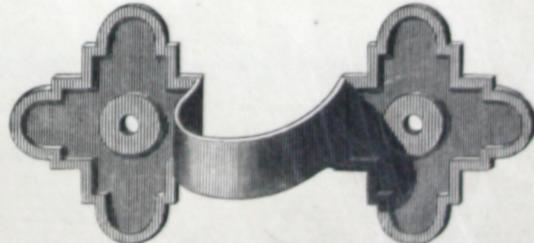
$3, 3\frac{1}{2}$, and 4 inches.

No. 8 EAR.



$3 \times 2\frac{1}{2}, 4 \times 3, 5 \times 3\frac{1}{2}$ inches.

No. 9 EAR.



$3, 3\frac{1}{2}, 4, 4\frac{1}{2}$ inches.

БЛАНК ЗАПИСИВАНИЯ

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запис від 15.01.2010

ДАНІ В ОІ

запис від 15.01.

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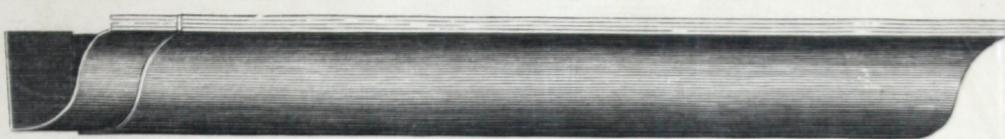
GUTTERS.

24

GUTTERS, No. 3, Plain,—No. 4, with Plain Faucet,—No. 5, with Lions' Heads.

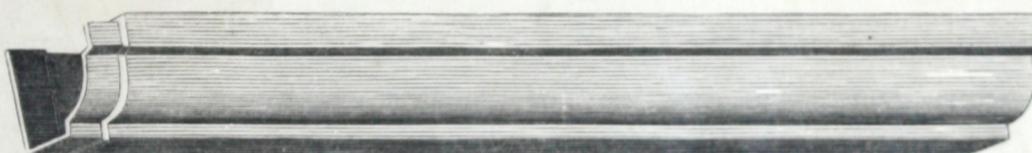


No. 6.



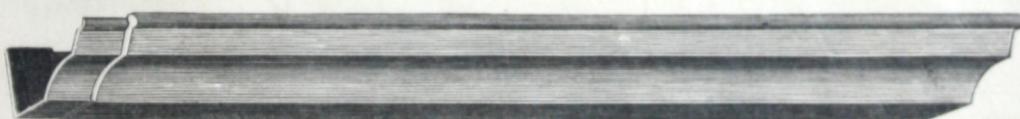
$4\frac{1}{2} \times 3\frac{1}{2}$, 5×4 , $6\frac{1}{2} \times 4\frac{1}{2}$ inches.

No. 7.



$5 \times 4\frac{1}{2}$, 8×6 inches.

No. 8.



$4 \times 2\frac{3}{4}$, $6 \times 3\frac{1}{2}$ inches.

No. 9.



6×5 inches.

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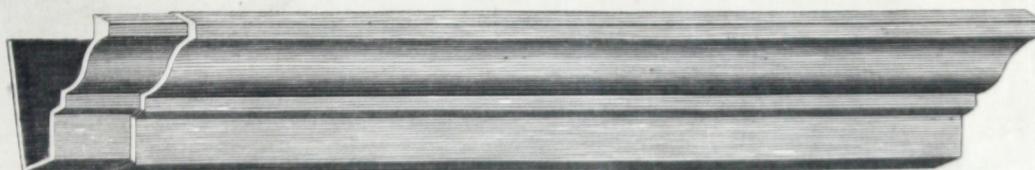
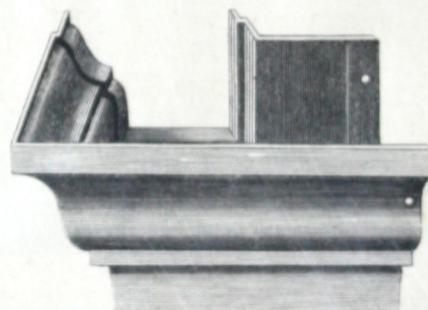
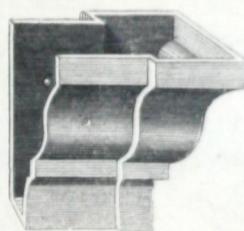
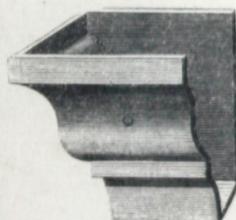


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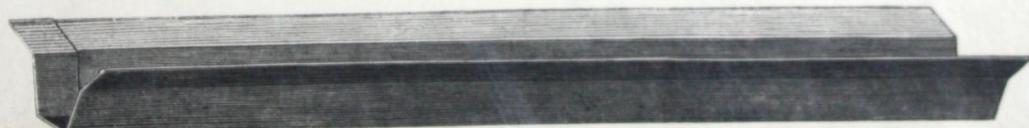
No. 10.

 $5 \times 5\frac{1}{2}$, $5\frac{1}{2} \times 6$ inches.

No. 11.

 $4\frac{1}{2} \times 3\frac{1}{2}$, $6 \times 4\frac{1}{2}$, $8 \times 5\frac{1}{2}$ inches. $4\frac{1}{2} \times 3\frac{1}{2}$, $6 \times 4\frac{1}{2}$, $3 \times 5\frac{1}{2}$ inches.

No. 12.

 13×6 inches.

We supply Angles and Return Stop-ends, right and left hand, for all our Gutters.

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No. 1

ORNAMENTAL AND CENTRE GUTTERS.

26

No. 13.



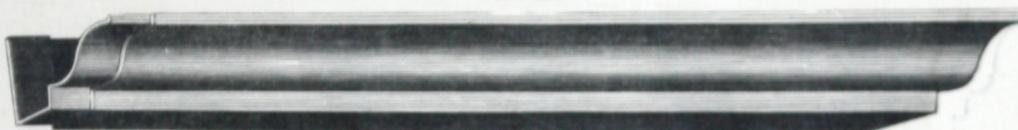
20 × 6 × 5 inches at bottom.

No. 14.



12 × 5 × 4 inches at bottom.

No. 15.



5½ × 4 and 7 × 5 inches.

No. 16.



4 × 4 and 5 × 5 inches.

ORNAMENTAL BRACKETS.

All sizes to order.

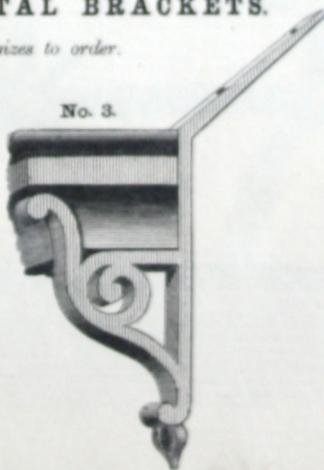
No. 1.



No. 2.



No. 3.



No. 4.



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CCA

PLAIN RIDGING.

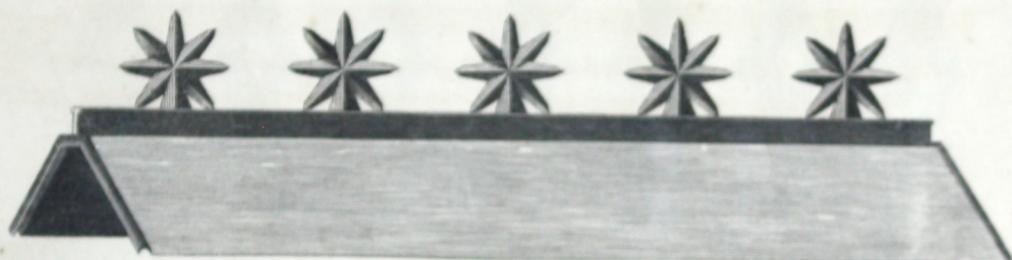
27

No. 1.

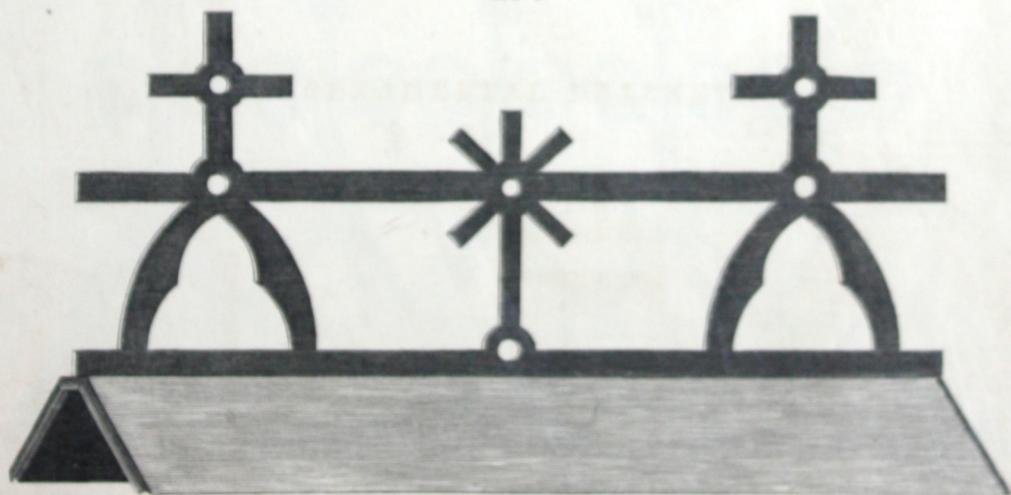


ORNAMENTAL RIDGING.

No. 2.



No. 3.



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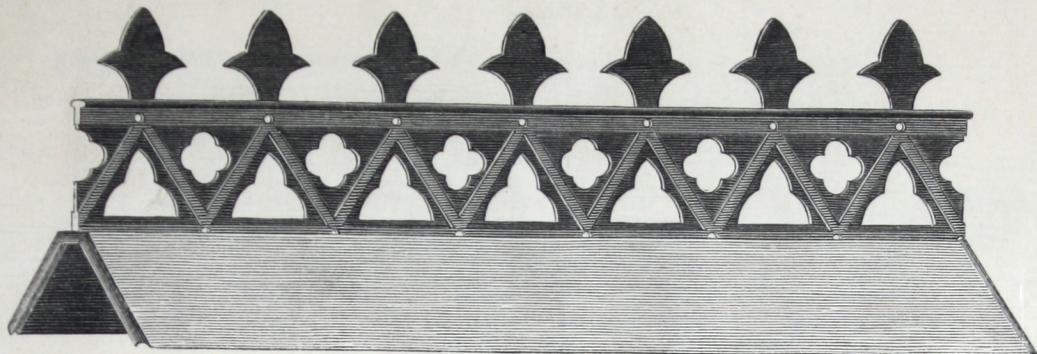


CCA

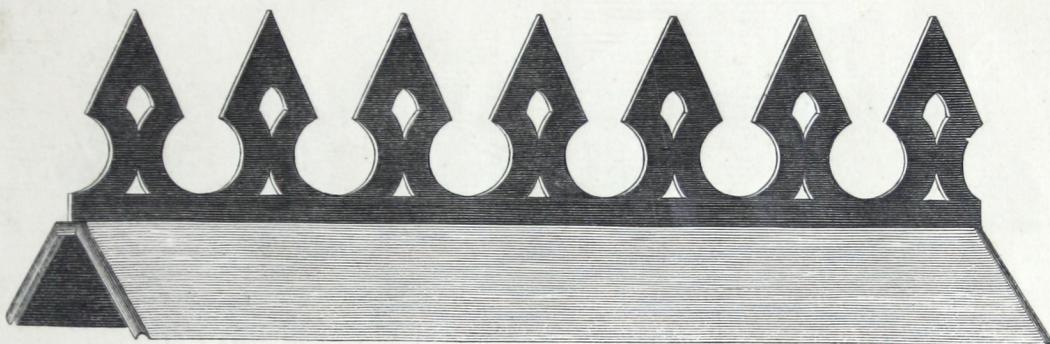
ORNAMENTAL RIDGING.

28

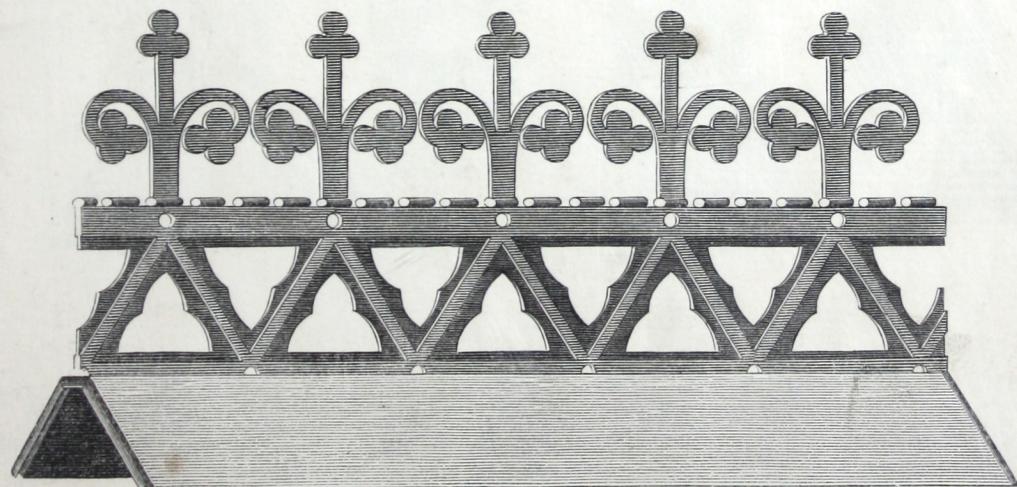
No. 4.



No. 5.



No. 6.



We supply Ridging for Roofs for $\frac{1}{2}$, $\frac{1}{3}$, or $\frac{1}{4}$ Pitch.

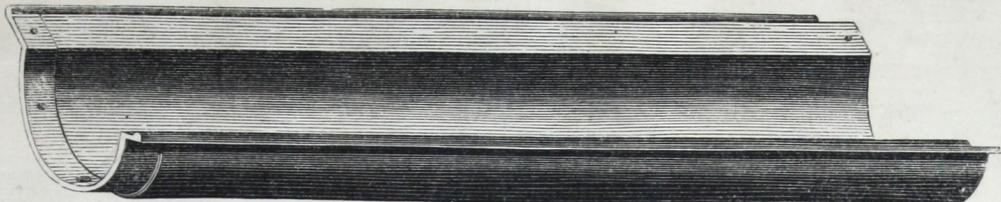
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CCA

The
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of merely

No. 7.



VENTILATING RIDGE, for DRYING STOVES, for PRINTFIELDS.

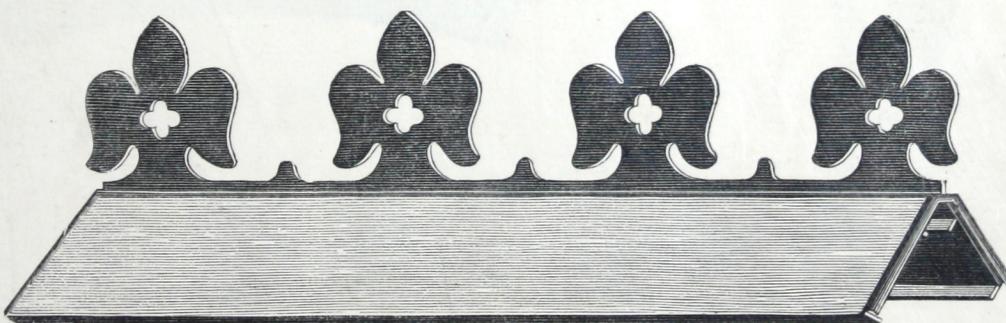
Can also be used as Centre Gutters.

16 × 7, 13 × 6, and 11 × 5 inches.

No. 8.



No. 9.



The above Ridges differ from the former patterns in having a fitting strip $1\frac{1}{2}$ inch deep, as shown on drawing on each frontage. The advantages of the improvement are the certainty of the ridge fitting any pitch of roof, greater strength of ridge obtained, and a better appearance from the ground, a thickness of $1\frac{1}{2}$ inch of metal being shown on edge, instead of merely the thickness of web. This improvement can be applied to all the other patterns.

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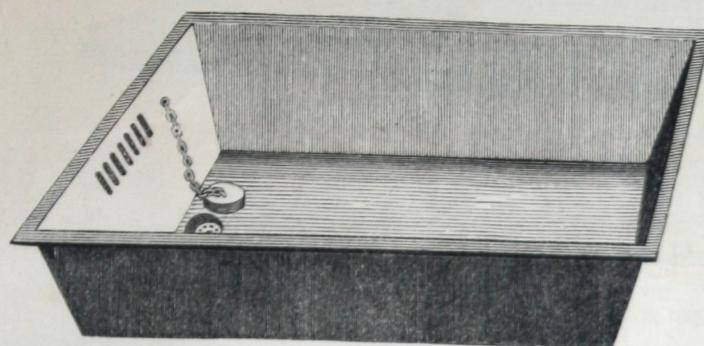


CCA

MISCELLANEOUS.

30

KITCHEN SINK or JAW BOX.



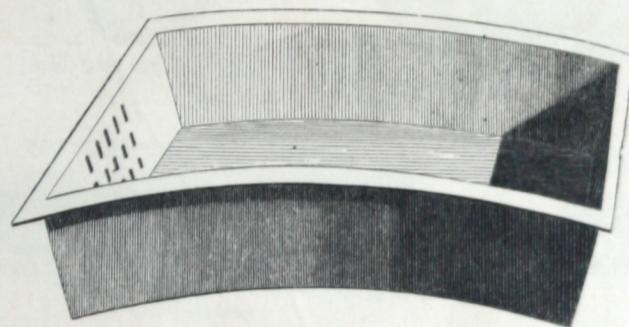
15, 18, 21, 24, 27, 30, 33, 36 inches.
All Sizes to Order.

WATER CLOSET.



Nos. 1 and 2.

JAW BOX for Circular Staircases.



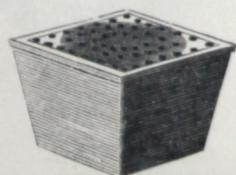
27 x 18 x 9½ inches.

SHIP WATER CLOSET.



Nos. 1 and 2.

SINK TRAPS.



3, 4, 5, 6, 7, 8, 9, 10, 11, 12 inches.



5, 6, 7, 8, 9, 10, 11, 12 inches.

PLUMBER'S POT.



PLUMBER'S CHAFFER PAN.



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CCA

1 to 4½ inches

COVER

LEAD

16 and 18 i

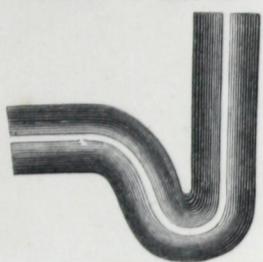
No. 18, CATTLE TROUGH—Plain, and with Self-Acting Gearing.



Sizes from 3 to 12 ft. long; 2 x 20 x 14 in. deep. See PRICE LIST.

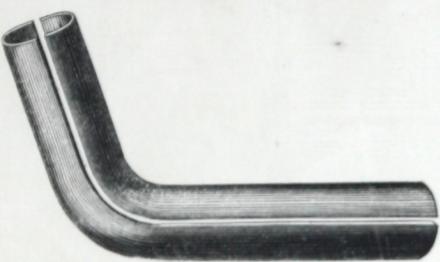
FORCE PUMP FRAME.

CESSPOOL BLOCK.



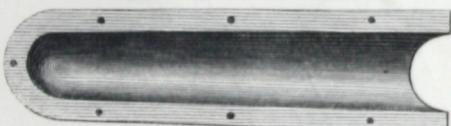
1 to 4½ inches diameter.

OBTUSE ELBOW BLOCK.



1 to 4½ inches diameter.

COVERS FOR LEAD BENDS.



10 to 30 in. long.

STOP-COCK PLUG.



LEAD BOILERS.

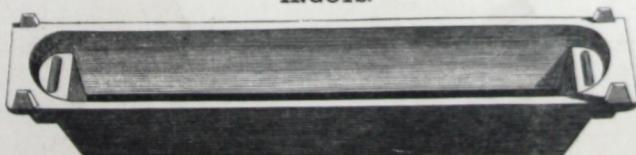


16 and 18 inches diameter.

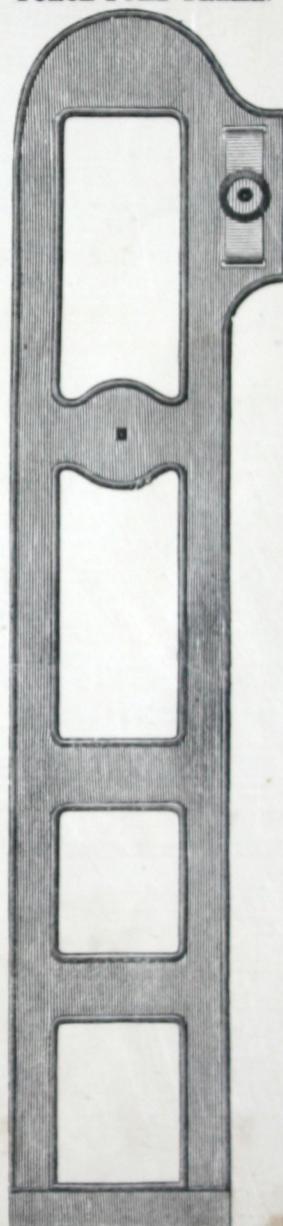
STOP-COCK COVER, Hinged.



INGOTS.



6 to 24 inches long.

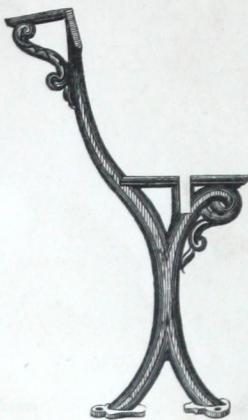


BENCH AND DESK STAND.

These Bench and Desk Standards are designed so as to combine a graceful and light appearance with great strength and designs; such as the Bench Standards, Nos. 1, 2, 3, 4, and 7. This improvement, consisting of a socket to receive the sword-piece with ordinary Standards. The socket, however, is not of the full depth of the sword-piece, and the check consequently required in the



No. 1.—BENCH STANDARD,
with Book-board Folding Bracket.



No. 2.—BENCH STANDARD,
with Book-board Bracket.



No. 3.—BENCH STANDARD,
with Back Rail.



No. 4.—
with Folding
and B



No. 1.—CURVED DESK & BENCH STANDARD.
26, 27½, and 29 inches.



No. 2.—CURVED DESK STANDARD.
26, 27½, and 29 inches.



No. 3.—CURVED DESK STANDARD,
with Folding Bracket.
26, 27½, and 29 inches.



No. 4.—DESK
26, 27½, a

I AND DESK STANDARDS.

and light appearance with great strength and durability. A very important improvement has been introduced in some of the
sisting of a socket to receive the sword-piece for strengthening the seat, without requiring it to be cut through, as is the case
piece, and the check consequently required in the latter insures steadiness.



No. 4.—STANDARD,
with Folding Brackets for Bench
and Book-board.



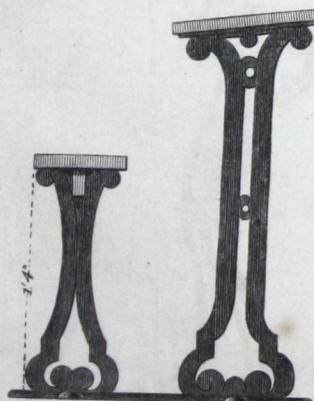
No. 5.—BENCH STANDARD,
with Folding Seat Bracket and
Back Rail.



No. 6.—BENCH STANDARD,
with Folding Seat Bracket.



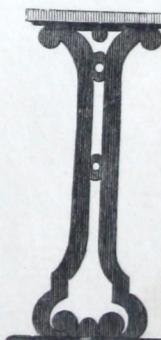
No. 7.—BENCH STANDARD.



No. 4.—DESK & BENCH STANDARD.
26, $27\frac{1}{2}$, and 29 inches.



No. 5.—DESK STANDARD.
26, $27\frac{1}{2}$, and 29 inches.



No. 6.—DESK STANDARD,
with Flat Top.
24 inches.



No. 7.—BENCH STANDARD.
14, 15, and 16 inches.

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